

1           1.    A method comprising:  
2                enabling automatic access to a telephone number  
3   associated with a second party during a telephone call;  
4                enabling access to a first database in a first  
5   system, said first database storing multiple records, each  
6   including a name, a telephone number and other information;  
7   and  
8                enabling the telephone number to be used to  
9   locate in said database a record for said second party.

1           2.    The method of claim 1 including enabling the  
2   system to automatically initiate a search in a second  
3   database for information related to said record.

1           3.    The method of claim 2 including locating said  
2   second database external to said first system in a second  
3   system with a second application.

1           4.    The method of claim 3 including enabling the  
2   first system to transmit a search query to said second  
3   system and to receive search results from said second  
4   system.

1           5.    The method of claim 3 including enabling the  
2   first system to store information in said first database  
3   found in said second database.

1           6.    The method of claim 2 including selecting said  
2   second database from a plurality of databases.

1           7.    The method of claim 6 including enabling a user  
2   preference table to be stored in association with said  
3   first database which indicates a preferred search hierarchy  
4   among said plurality of databases.

1           8.    The method of claim 1 including enabling the  
2   first system to store a sequential listing of telephone  
3   numbers of outgoing telephone calls and caller  
4   identification information for incoming telephone calls.

1           9.    A system comprising:  
2                a processor;  
3                a storage associated with said processor to store  
4   a first database with a plurality of records, each  
5   containing a telephone number, a name and other  
6   information; and  
7                an application stored in said storage that  
8   enables said processor to access the telephone number of a  
9   second party to an ongoing telephone call, search said  
10   first database for a record containing said telephone  
11   number, and display a name, telephone number and other  
12   information associated with said record.

1        10. The system of claim 9 wherein said application  
2 automatically initiates a search for information related to  
3 said record in a second database.

1        11. The system of claim 10 wherein said application  
2 transmits a search query and receives search results to  
3 obtain extended data related to said record in a database  
4 external to said system.

1        12. The system of claim 11 wherein if said  
2 information is found in said external database, said  
3 application automatically stores said information in said  
4 first database.

1        13. The system of claim 13 wherein said storage  
2 stores a user preference table that indicates a preferred  
3 search hierarchy among a plurality of databases.

1        14. The system of claim 9 wherein said storage stores  
2 a sequential listing of telephone numbers of outgoing  
3 telephone calls and caller identification information for  
4 incoming telephone calls.

1        15. An article comprising a medium storing  
2 instructions that enable a processor-based system to:

3            automatically access a telephone number of a  
4 second party to an ongoing telephone call;  
5            access a first database storing a plurality of  
6 records, each record including a name, a telephone number  
7 and other information;  
8            search said first database for a record  
9 containing said telephone number; and  
10           display a name, number and other information  
11 associated with said record.

1           16. The article of claim 15 wherein said medium  
2 stores instructions that enable the system to automatically  
3 initiate a search for information related to said record in  
4 a second database.

1           17. The article of claim 16 wherein said medium  
2 stores instructions that enable the system to search for  
3 said information related to said record in a second  
4 database external to said system.

1           18. The article of claim 17 wherein said medium  
2 stores instructions that enable the system to transmit a  
3 search query to said second database and receive search  
4 results.

1        19. The article of claim 17 wherein said medium  
2 stores instructions that enable the system to automatically  
3 store, information related to said record found in said  
4 second database, in said first database.

1        20. The article of claim 16 wherein said medium  
2 stores instructions that enable the system to select said  
3 second database from a plurality of databases, each of said  
4 databases located externally of said system.

1        21. The article of claim 20 wherein said medium  
2 stores instructions that enable the system to access a user  
3 preference table that indicates a preferred search  
4 hierarchy among the plurality of databases.

1        22. The article of claim 15 wherein said medium  
2 stores instructions that enable the system to store a  
3 sequential listing of telephone numbers of outgoing phone  
4 calls and caller identification information for incoming  
5 telephone calls.